IN THE CLAIMS

The following is a complete list of the claims now pending; this listing replaces

all earlier versions and listings of the claims.

Claim 1 (currently amended): An image processing device which can be

connected to an information processing device, said device comprising:

authentication processing means for performing, in response to a

request from the information processing device, an authenticating process according to

authentication information from the information processing device for authenticating the request;

display information transmission means for transmitting, from the said

image processing device to the information processing device, display information describing

screen contents for operating the information processing device by presenting information about

the said image processing device when a request from the information processing device is

recognized based on an authentication result by said authentication processing means; and

second authentication processing means for performing an

authenticating process by reading authentication information about a card to be inserted into the

information said image processing device,

wherein when a request from an operation unit of the said image

processing device is recognized based on the authentication result by said second authentication

processing means, the said image processing device is operable by the said operation unit.

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Claim 2 (currently amended): An image processing device which can be connected to an information processing device, said device comprising:

first authentication input means for inputting, in response to a request from the information processing device, authentication information from the information processing device for authenticating the request;

second authentication input means for inputting authentication information input from an operation unit of ~~the~~ said image processing device or a card reader;

authentication processing means for performing an authenticating process according to authentication information input by said first authentication input means or said second authentication input means, and authentication information in ~~the~~ said image processing device; and

display information transmission means for transmitting, from ~~the~~ said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about ~~the~~ said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing means,

wherein, when an operation in the operation unit or a request from the information processing device does not match an operation being performed in ~~the~~ said image processing device, the operation in the operation unit or the request from the information processing device is accepted based on an authentication result by said authentication processing means.

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Claim 3 (currently amended): An image processing device which can be connected to an information processing device, said device comprising:

authentication processing means for performing, in response to a request from the information processing device, an authenticating process according to authentication information from the information processing device for authenticating the request;

display information transmission means for transmitting, from ~~the~~ said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about ~~the~~ said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing means; and

second authentication processing means for performing an authenticating process according to authentication information input by an operation unit of ~~the~~ said image processing device or a card reader,

wherein when a request from the operation unit is accepted based on an authentication result by said second authentication processing means, a request to operate the image processing device from the information processing device is not accepted.

Claim 4 (currently amended): An image processing device which can be connected to an information processing device, said device comprising:

authentication processing means for performing, in response to a request from the information processing device, an authenticating process according to authentication information from the information processing device for authenticating the request;

display information transmission means for transmitting, from ~~the~~ said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about ~~the~~ said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing means;

second authentication processing means for performing an authenticating process by reading authentication information input by an operation unit of ~~the~~ said image processing device or a card reader,

wherein when a request from the information processing device is accepted based on an authentication result by said authentication processing means, a request to operate ~~the~~ said image processing device from the information processing device is not accepted.

Claim 5 (currently amended): The image processing device according to claim 1, wherein[[:]] said authentication processing means and said second authentication processing means perform an authenticating process on the same authentication information as authentication information set in ~~the~~ said image processing device.

Claim 6 (currently amended): The image processing device according to claim 1, further comprising:

identification information transmission means for issuing identification information to the information processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing means,

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and transmitting the identification information from ~~the~~ <u>said</u> image processing device to the information processing device; and

determination means for determining, in response to a request from the information processing device whether or not the identification information transmitted by said identification information transmission means is added to the request,

wherein, when said determination means determines that the identification information is added, said display information transmission means transmits the display information without an authenticating process by said authentication processing means.

Claim 7 (currently amended): The image processing device according to claim 1, wherein: ~~said~~ <u>the</u> display information is described in an HTML <u>document</u>[[;]], and

~~said~~ <u>the</u> request from the information processing device and ~~said~~ <u>the</u> display information are transmitted and received according to an HTTP <u>protocol</u>.

Claim 8 (original): The image processing device according to claim 2, further comprising:

conversion means for converting a request for authentication input by said first authentication input means and a request for authentication input by said second authentication input means into a format interpretable by said authentication processing means.

Claim 9 (currently amended): An information processing method for use by an image processing device which can be connected to an information processing device, <u>said method</u> comprising:

an authentication processing step<u>, of</u> ~~for~~ performing, in response to a request from the information processing device, an authenticating process according to authentication information from the information processing device for authenticating the request;

a display information transmission step<u>, of</u> ~~for~~ transmitting, from the image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about the image processing device when a request from the information processing device is recognized based on an authentication result ~~by~~ <u>in</u> said authentication processing step; and

a second authentication processing step<u>, of</u> ~~for~~ performing an authenticating process by reading authentication information about a card ~~to be~~ inserted into the ~~information~~ <u>image</u> processing device,

wherein when a request from an operation unit of the image processing device is recognized based on the authentication result ~~by~~ <u>in</u> said second authentication processing step<u>, the image processing device is operable by the operation unit</u>.

Claim 10 (currently amended): An information processing method for use by an image processing device which can be connected to an information processing device, <u>said method</u> comprising:

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a first authentication input step, of for inputting, in response to a request from the information processing device, authentication information from the information processing device for authenticating the request;

a second authentication input step, of for inputting authentication information input from an operation unit of the image processing device or a card reader;

an authentication processing step, of for performing an authenticating process according to authentication information input by in said first authentication input step or said second authentication input step, and authentication information in the image processing device; and

a display information transmission step, of for transmitting, from the image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about the image processing device when a request from the information processing device is recognized based on an authentication result by in said authentication processing step,

wherein, when an operation in the operation unit or a request from the information processing device does not match an operation being performed in the image processing device, the operation in the operation unit or the request from the information processing device is accepted based on an authentication result by in said authentication processing step.

Claim 11 (currently amended): An information processing method for use by an image processing device which can be connected to an information processing device, said method comprising:

an authentication processing step, of for performing, in response to a request from the information processing device, an authenticating process according to authentication information from the information processing device for authenticating the request;

a display information transmission step, of for transmitting, from the image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about the image processing device when a request from the information processing device is recognized based on an authentication result by in said authentication processing step; and

a second authentication processing step, of for performing an authenticating process according to authentication information input by an operation unit of the image processing device or a card reader,

wherein, when a request from the operation unit is accepted based on an authentication result by in said second authentication processing step, a request to operate the image processing device from the information processing device is not accepted.

Claim 12 (currently amended): An information processing method for use by an image processing device which can be connected to an information processing device, said method comprising:

an authentication processing step, of for performing, in response to a request from the information processing device, an authenticating process according to authentication information from the information processing device for authenticating the request;

a display information transmission step, of for transmitting, from the image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about the image processing device when a request from the information processing device is recognized based on an authentication result by in said authentication processing step;

a second authentication processing step, of for performing an authenticating process by reading authentication information input by an operation unit of the image processing device or a card reader,

wherein, when a request from the information processing device is accepted based on an authentication result by in said second authentication processing step, a request to operate the image processing device from the information processing device is not accepted.

Claim 13 (currently amended): The image processing method according to claim 9, wherein

said authentication processing step and said second authentication processing step include performing perform an authenticating process on the same authentication information as authentication information set in the image processing device.

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Claim 14 (currently amended): The image processing method according to claim 9, further comprising:

an identification information transmission step, of for issuing identification information to the information processing device when a request from the information processing device is recognized based on an authentication result by in said authentication processing step, and transmitting the identification information from the image processing device to the information processing device; and

a determination step, of for determining, in response to a request from the information processing device whether or not the identification information transmitted by in said identification information transmission step is added to the request,

wherein, when said determination step determines that the identification information is added, said display information transmission step transmits the display information without an authenticating process by in said authentication processing step.

Claim 15 (currently amended): The image processing method according to claim 9, wherein: said the display information is described in an HTML document[[;]], and

said the request from the information processing device and said the display information are transmitted and received according to an HTTP protocol.

Claim 16 (currently amended): The image processing method according to claim 10, further comprising[[:]] a conversion step, of for converting a request for authentication input by in said first authentication input step and a request for authentication input by in said

second authentication input step into a format interpretable ~~by~~ in said authentication processing

step.

Claim 17 (currently amended): A control program for controlling an

information processing method for use by an image processing device which can be connected to

an information processing device ~~and perform the process~~, said program comprising:

code for an authentication processing step, of ~~for~~ performing, in

response to a request from the information processing device, an authenticating process

according to authentication information from the information processing device for

authenticating the request;

code for a display information transmission step, of ~~for~~ transmitting,

from the image processing device to the information processing device, display information

describing screen contents for operating the information processing device by presenting

information about the image processing device when a request from the information processing

device is recognized based on an authentication result ~~by~~ in said authentication processing step;

and

code for a second authentication processing step, of ~~for~~ performing an

authenticating process by reading authentication information about a card ~~to be~~ inserted into the

~~information~~ image processing device,

wherein, when a request from an operation unit of the image processing

device is recognized based on the authentication result ~~by~~ in said second authentication

processing step, the image processing device is operable by the operation unit.

Claim 18 (currently amended): A control program for controlling an information processing method for use by an image processing device which can be connected to an information processing device ~~and perform the process~~, said program comprising:

code for a first authentication input step, of ~~for~~ inputting, in response to a request from the information processing device, authentication information from the information processing device for authenticating the request;

code for a second authentication input step, of ~~for~~ inputting authentication information input from an operation unit of the image processing device or a card reader;

code for an authentication processing step, of ~~for~~ performing an authenticating process according to authentication information input ~~by~~ in said first authentication input step or said second authentication input step, and authentication information in the image processing device; and

code for a display information transmission step, of ~~for~~ transmitting, from the image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about the image processing device when a request from the information processing device is recognized based on an authentication result ~~by~~ in said authentication processing step,

wherein, when an operation in the operation unit or a request from the information processing device does not match an operation being performed in the image processing device, the operation in the operation unit or the request from the information

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processing device is accepted based on an authentication result ~~by~~ <u>in</u> said authentication

processing step.

Claim 19 (currently amended): A control program for controlling an

information processing method for use by an image processing device which can be connected to

an information processing device<u>, program</u> ~~and perform the process~~ comprising:

<u>code for</u> an authentication processing step<u>, of</u> ~~for~~ performing, in

response to a request from the information processing device, an authenticating process

according to authentication information from the information processing device for

authenticating the request;

<u>code for</u> a display information transmission step<u>, of</u> ~~for~~ transmitting, from

the image processing device to the information processing device, display information describing

screen contents for operating the information processing device by presenting information about the

image processing device when a request from the information processing device is recognized based

on an authentication result ~~by~~ <u>in</u> said authentication processing step; and

<u>code for</u> a second authentication processing step<u>, of</u> ~~for~~ performing an

authenticating process according to authentication information input by an operation unit of the

image processing device or a card reader,

wherein<u>,</u> when a request from the operation unit is accepted based on an

authentication result ~~by~~ <u>in</u> said second authentication processing step, a request to operate the image

processing device from the information processing device is not accepted.

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Claim 20 (currently amended): A control program for controlling an information

processing method for use by an image processing device which can be connected to an information

processing device, said program and perform the process comprising:

code for an authentication processing step, of for performing, in response

to a request from the information processing device, an authenticating process according to

authentication information from the information processing device for authenticating the request;

code for a display information transmission step, of for transmitting, from

the image processing device to the information processing device, display information describing

screen contents for operating the information processing device by presenting information about the

image processing device when a request from the information processing device is recognized based

on an authentication result by in said authentication processing step;

code for a second authentication processing step, of for performing an

authenticating process by reading authentication information input by an operation unit of the image

processing device or a card reader,

wherein, when a request from the information processing device is

accepted based on an authentication result by in said authentication processing step, a request to

operate the image processing device from the information processing device is not accepted.

Claim 21 (new): An image processing device which can be connected to an

information processing device, said device comprising:

an authentication processing unit adapted to, in response to a request from the information processing device, authenticate the request in accordance with authentication information from the information processing device;

a display information transmission unit adapted to transmit, from said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about said image processing device when the request from the information processing device is recognized based on an authentication result by said authentication processing unit; and

a second authentication processing unit adapted to perform an authenticating process by reading authentication information about a card inserted into the image processing device,

wherein, when a request from an operation unit of said image processing device is recognized based on the authentication result by said second authentication processing unit, said image processing device is operable by said operation unit.

Claim 22 (new): An image processing device which can be connected to an information processing device, said device comprising:

a first authentication unit adapted to input, in response to a request from the information processing device, authentication information from the information processing device for authenticating the request;

a second authentication unit adapted to input authentication information input from an operation unit of the image processing device or a card reader;

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an authentication processing unit adapted to perform an authenticating process according to authentication information input by said first authentication input unit or said second authentication input unit, and authentication information in said image processing device; and

a display information transmission unit adapted to transmit, from said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing unit,

wherein when an operation in the operation unit or a request from the information processing device does not match an operation being performed in said image processing device, the operation in the operation unit or the request from the information processing device is accepted based on an authentication result by said authentication processing unit.

Claim 23 (new): An image processing device which can be connected to an information processing device, said device comprising:

an authentication processing unit adapted to, in response to a request from the information processing device, authenticate the request in accordance with authentication information from the information processing device;

a display information transmission unit adapted to transmit, from said image processing device to the information processing device, display information describing

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screen contents for operating the information processing device by presenting information about said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing unit; and

a second authentication processing unit adapted to perform an authenticating process according to authentication information input by an operation unit of said image processing device or a card reader,

wherein when a request from the operation unit is accepted based on an authentication result by said second authentication processing unit, a request to operate the image processing device from the information processing device is not accepted.

Claim 24 (new): An image processing device which can be connected to an information processing device, said device comprising:

an authentication processing unit adapted to, in response to a request from the information processing device, authenticate the request in accordance with authentication information from the information processing device;

a display information transmission unit adapted to transmit, from said image processing device to the information processing device, display information describing screen contents for operating the information processing device by presenting information about said image processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing unit;

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a second authentication processing unit adapted to perform an authenticating process by reading authentication information input by an operation unit of said image processing device or a card reader,

wherein when a request from the information processing device is accepted based on an authentication result by said authentication processing unit, a request to operate said image processing device from the information processing device is not accepted.

Claim 25 (new): The image processing device according to claim 21, wherein said authentication processing unit and said second authentication processing unit perform an authenticating process on the same authentication information as authentication information set in said image processing device.

Claim 26 (new): The image processing device according to claim 21, further comprising:

an identification information transmission unit adapted to issue identification information to the information processing device when a request from the information processing device is recognized based on an authentication result by said authentication processing unit, and transmit the identification information from said image processing device to the information processing device; and

a determination unit adapted to determine, in response to a request from the information processing device whether or not the identification information transmitted by said identification information transmission unit is added to the request,

wherein, when said determination unit determines that the identification information is added, said display information transmission unit transmits the display information without an authenticating process by said authentication processing unit.

Claim 27 (new): The image processing device according to claim 21, wherein the display information is described in an HTML document, and

the request from the information processing device and the display information are transmitted and received according to an HTTP protocol.

Claim 28 (new): The image processing device according to claim 22, further comprising:

a conversion unit adapted to convert a request for authentication input by said first authentication input unit and a request for authentication input by said second authentication input unit into a format interpretable by said authentication processing unit.